

# The Gazette of India



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## PART III—SECTION 2

### Notifications and Notices issued by the Patent Office relating to Patents and Designs

#### THE PATENT OFFICE

##### Patents and Designs

Calcutta, the 12th November 1960

##### Application for Patents

The dates shown in crescent brackets are the dates claimed under Section 78A of the Act.

27th October 1960

73867. Katragadda Ramakrishna Choudary. Improvements in or relating to transformers with variable series impedance.

73868. Katragadda Ramakrishna Choudary. Improvements in or relating to valves for fluid flow.

73869. L. G. Rao. Improvements in or relating to plastic mouldings.

73870. Webasto-Werk G.M.B.H. Heating device using solid or liquid fuel.

73871. Shell Internationale Research Maatschappij N.V. Process for the dehydrogenation of organic compounds.

73872. J. Jean. Product for destroying pests and apparatus for projecting same.

73873. Ferro Corporation. Felted fibrous mat and means for manufacturing same.

73874. The Reliance Hope Attachment Company Limited. Improvements in or relating to detaching devices for ropes.

73875. Union Carbide Corporation. Scrap meltdown in electric furnaces.

73876. The British Oxygen Company Limited. Treatment of molten ferrous metal. (3rd November 1959).

73877. Babcock & Wilcox Limited. Improvements in flame monitoring apparatus. (5th November 1959).

73878. John & E. Sturge Limited. Improvements relating to the vulcanisation of rubber. (11th November 1959).

73879. F. E. Swain. Improvements in butterfly valves.

73880. N. V. Philips gloeilampenfabrieken. Improvements in or relating to methods of mechanically inserting small electric component parts provided on one side with one or more substantially parallel projections, into an apertured mounting plate, mounting plates provided with such electric component parts by such methods, and machines for inserting the said projections into apertured mounting plates.

73881. N. V. Organon. New  $\Delta^{(10)}$  —steroids.

73882. G. Leitner and J. Leitner. Process for the production of half stuff.

73883. G. Leitner and J. Leitner. Process for the production of cellulose.

73884. Chandan Metal Products Private Limited. An improved method of manufacturing locks and the like.

28th October 1960

73885. A. C. Padamsee. Improvements in or relating to vacuum flasks or like containers.

73886. A. C. Padamsee. Improvements in or relating to bottles or like containers.

73887. Dunlop Rubber Company Limited. Improved two-part mould.

73888. Dunlop Rubber Company Limited. Moulding apparatus.

73889. Dunlop Rubber Company Limited. Improvements in or relating to conveyor belting. (4th November 1959).

73890. Tecalemit Limited. Coating metal strip with a plastic product. (2nd November 1959).

73891. T.I. (Group Services) Limited. Irradiation of materials.

73892. Yardney International Corp. Process for improving the wettability of polymers, polyamides, cellulosic material and the like. (9th November 1959).

73893. AMP Incorporated. Improvements in or relating to multi-aperture magnetic cores.

73894. The Bradford Dyers' Association Limited. Improved textile materials and process for manufacturing them. (27th May 1960). (Addition to No. 73596).

73895. Siemens & Halske Aktiengesellschaft. Improvements relating to electrical apparatus. (8th June 1960).

73896. Siemens & Halske Aktiengesellschaft. Switching arrangement for telecommunication systems adapted to prevent wrong seizure of selectors. (24th March 1960).

73897. Societa Farmaceutici Italia. Process for preparing a new antibiotic.

73898. N.V. Philips Gloeilampenfabrieken. Improvements in or relating to circuit arrangements comprising two storing pulse generators and applications of such circuit arrangements.

73899. N.V. Philips Gloeilampenfabrieken. Improvements in or relating to circuits including a source of alternating current.

73900. Ciba Limited. Manufacture of acids and esters thereof.
73901. Ciba Limited. Manufacture of steroids.  
29th October 1960
73902. V. K. U. K. Menon. Improved method of getting high quality molten metal for malleable castings by using a converter side-blown or bottom-blown.
73903. Associated Lead Manufacturers Limited. Improvements in paints. (11th November 1959).
73904. Birlec-Efco (Melting) Limited. Improvements in or relating to electric arc furnaces.
73905. National Distillers and Chemical Corporation. Novel packaging films and processes therefor.
73906. Dunlop Rubber Company Limited. Improvements relating to the bonding of thermoplastic materials. (30th October 1959).
73907. Vauxhall Motors Limited. Improvements relating to truck cabs. (18th November 1959).
73908. Klockner-Humboldt-Deutz Aktiengesellschaft. A jig for the preparation of hard coal.
73909. Brevets Aero-Mecaniques S.A. Improvements in or relating to electric primers for projectiles.
73910. Societe Industrielle pour la Schappe. Method of manufacturing a highly elastic yarn ply.
73911. Johnson & Johnson. Product and method of manufacture.
73912. Farbwerke Hoechst Aktiengesellschaft, vormals Meister Lucius & Bruning. Pigment dyestuff preparations for coloring plastic masses.
73913. Farbwerke Hoechst Aktiengesellschaft, vormals Meister Lucius & Bruning. Pigment dyestuff preparations for coloring plastic masses.
73914. Siemens-Schuckertwerke Aktiengesellschaft. Electric motor with vertical shaft and reversal arrestment for erection in the open, more particularly for driving a deep-well pump.
73915. Ciba Limited. Manufacture of new thiophenes.
73916. Schantung Handels-Aktiengesellschaft. Improvements in and relating to the extraction of finely powdered oil-containing substances.
73917. Merck & Co., Inc. Chemical processes.
73918. Ciba Limited. Manufacture of new pyrimido-pyrimidines.
73919. R. D. Kolandaiswamy. Using explosives as booster fuel and propellant to increase the speed of jets.  
31st October 1960
73920. Mrs. Serswatiben Shivprasad Thaker. Shoulder-pin.
73921. Mrs. Serswatiben Shivprasad Thaker. Plastic-auto-cell batteries.
73922. The British Oxygen Company Limited. Treatment of ferrous material. (10th November 1959). (Addition to No. 62297).
73923. Imperial Chemical Industries Limited. New colouration process for textile materials. (5th November 1959). (Addition to No. 65675).
73924. Allen & Hanburys Limited. Improvements in or relating to heterocyclic quaternary ammonium salts. (9th November 1959).
73925. Rohm & Haas Company. Improvements in or relating to coloring and finishing cellulose materials.
73926. The Dow Chemical Company. Explosive charge and detonating device suitable for use therein.
73927. Ross Operating Valve Company. Improvements in or relating to fluid operable control devices.
73928. Bot Brassert Oxygen Technik A.G. Method of carrying out metallurgical processes and apparatus therefor.
73929. Columbia Ribbon and Carbon Manufacturing Co., Inc. Novel hectograph sheet and process.
73930. Ciba Limited. Process for the preparation of new hydrazine.
73931. Ciba Limited. Manufacture of new triazines.
73932. Ciba Limited. Manufacture of new hydroxylamines.  
1st November 1960
73933. Mrs. Serswatiben Shivprasad Thaker. Elastic-leather-watch straps and waist straps.
73934. Schering Aktiengesellschaft. Improvements in and relating to X-ray contrast media.
73935. The Dow Chemical Company. Improved explosive charges.
73936. Imperial Chemical Industries Limited. Fabrics and textile articles made from bulked filament yarn. (5th November 1959).
73937. E. I. du Pont de Nemours and Company. New aryl methoxy ureas, process for preparing the same and compositions containing the said ureas.
73938. United Kingdom Atomic Energy Authority. Improvements in or relating to nuclear reactors. (9th November 1959).
73939. Ross Operating Valve Company. Improvements in or relating to fluid pressure operable control devices.
73940. The British Oxygen Company Limited. Electric arc process for depositing metallic coatings. (11th November 1959). (Addition to No. 71965).
73941. The British Oxygen Company Limited. Nozzle for welding blowpipes and the like. (13th November 1959).
73942. Asahi Kasei Kogyo Kabushiki Kaisha. An apparatus for manufacturing a diluted aqueous sulfuric acid solution.
73943. W. R. Attwood. Improvements in or relating to means for locking slotted members. (Divisional date 20th April 1959).
73944. N. V. Philips Gloeilampenfabrieken. Improvements in or relating to transistor devices for a logical system.
73945. R. P. Heuer. Improvements relating to refractory roofs and bricks therefor.
73946. Nailsea Engineering Company Limited. Improvements in cleaning devices for gas filtering apparatus. (2nd November 1959).
73947. Massey-Ferguson Inc. Improved tractor power-take-off drive.
73948. Moulton Consultants Limited. Improvements in pedal cycles. (3rd March 1960).
- 2nd November 1960
73949. Sindri Fertilizers & Chemicals Limited. A process for preparing from coke oven acid sludge a liquor that inhibits corrosion of steel in sulphuric acid and the corrosion inhibiting liquor so obtained.
73950. Sindri Fertilizers & Chemicals Limited. A process for preparing from coke oven acid sludge a liquor that inhibits corrosion of steel in hydrochloric acid and the corrosion inhibiting liquor so obtained.
73951. J. R. Aboowalla. Snuff inhaler.
73952. The Research Association of British Rubber Manufacturers. Improvements relating to heat treatment of rubber. (11th November 1959).
73953. Doleo S.A. Improvements in or relating to ball point pens.
73954. E. A. Weaver. Liberation of the contents of microbial.
73955. The English Electric Company Limited. Improvements relating to electrically propelled vehicles. (24th November 1959).
73956. Brevets Aero-Mecaniques S.A. Improvements in or relating to generators for the electrical ignition of a projectile.
73957. P. E. Bessiere. Improvements in fuel injection pumps having distributing pistons.
73958. The Dow Chemical Company. Explosive compositions and method of loading a borehole.
73959. S. Stockland. Apparatus for threshing grain.
73960. The Dow Chemical Company. Parasiticides.
73961. Etablissements Outinord S.A. Dismountable shuttering for constructions made of cast materials.
73962. M/s Chandravan Gulabchand. A central bobbin for sewing machine.
73963. "A.V.R", Achat, Ventes, Representations, Societe Anonyme. Improvements to grenades and similar projectiles shot by a firearm.

73964. "A.V.R.", Achat, Ventes, Representations Societe Anoyome. Special cartridge for firing projectiles fitted end-on on firearms.
73965. K. N. Kashyap. An improved surgical splint. (Addition to No. 67319).

#### Alteration of Date

67973. The claim to priority date 25th July 1958 has been disallowed and the application dated as of 9th June 1959, the date of filing in India.
69519. Ante-dated to 28th January 1959 under Section 5 of the Act.
69520. Ante-dated to 28th January 1959 under Section 5 of the Act.
69521. Ante-dated to 28th January 1959 under Section 5 of the Act.
72437. Ante-dated to 5th May 1959 under Section 5 of the Act.
73513. Ante-dated to 26th February 1959 under Section 5 of the Act.

#### Applications Accepted

Notice is hereby given that all persons interested in opposing the grant of patents on any one of the applications referred to below may at any time within four months of the date of this Gazette of India give notice to the Patent Office in the prescribed form No. 6 of the Indian Patents and Designs Rules, 1933 of such opposition.

A limited number of printed copies of the specifications in the following list will be available for sale from the Government of India Book Depot, 8, Hastings Street, Calcutta in due course. The price of each specification is Rs. 2 (postage extra, if sent out of India). Requisition for the supply of printed specifications should be accompanied by the numbers of specifications as shown in the following list.

If required typed copies of the specification together with copies of drawings, if any, can be supplied by the Patent Office on payment of the necessary charges which may be ascertained on application to the office.

The dates shown in crescent brackets are the dates allowed under Section 78-A of the Act.

66507. N. C. Jain, M. K. Jain and S. C. Jain. An improved ball-cock. Accepted on 24th October 1960.

*Having an inlet pipe and shank the diameter of which is bigger in size than ordinarily used.*

66579. B. V. Patankar. An improved starter for induction motors. Accepted on 31st October 1960.

*Including a switching arrangement comprising four V-shaped glass tubes containing mercury mounted on a rotatable shaft, the first tube having three electrodes, and remaining tubes having two electrodes, the arrangement being such that by rotating the shaft first in one direction the motor is connected in star and then by rotating the shaft in opposite direction the motor is connected in delta.*

66651. D. S. Mulla. Improvements in or relating to fillable panels. Accepted on 2nd November 1960.

*Panel is filled with and emptied of gases, liquids, or solids to impart any desired pattern or colour.*

67247. Veb Zentrale Entwicklung Konstruktion. Machine for producing safety pins. Accepted on 29th October 1960.

*Provided with a roller chain which imparts rotary movement to each mechanism of bending, cap pressing and winding and has a maltese cross.*

67370. Holophane Limited. Improvements in and relating to light controlling fittings. (21st April 1958). Accepted on 31st October 1960.

*Wherein axial prisms are constructed to concentrate the light into four main beams two of which in azimuth are at 180° apart or an angle substantially 180° and other two are between 100° and 140° apart.*

67430. The Wellcome Foundation Limited. Improvements in and relating to pharmaceutical preparations. (2nd May 1958). Accepted on 31st October 1960.

*A prolonged acting tablet comprises a homogeneous mixture of the medicament, 20–60 per cent of a medium slowly digested by the alimentary fluids and 10–50 per cent of an insoluble binding material.*

67494. The General Electric Company Limited. Improvements in or relating to electric circuits including transistors. (1st May 1958). Accepted on 28th October 1960.  
*Wherein an inductance shunts capacitance in the base-to-emitter circuit of the transistor.*
67501. American Cyanamid Company. N<sup>1</sup>-acylated sulfa drugs and preparation thereof. (27th January 1959). Accepted on 28th October 1960.  
*Treating corresponding N<sup>4</sup>-aralkylidene compound with water in presence of acid.*
67523. Ajax Magnethermic Corporation. Electric induction device and method of heating opposed edges of skelp. Accepted on 28th October 1960.  
*Heating to welding temperature opposed edges of skelp by inducing a magnetic field transversely through the edges.*
67524. N. V. Philips Gloeilampenfabrieken. Improvements in or relating to methods of stabilizing vitamins or steroids and esters thereof. Accepted on 29th October 1960.  
*Keeping crystals of compounds to be stabilized in a solution of antioxidant for sometime.*
67562. Standard Telephones and Cables Limited. Improvements in or relating to modulating arrangements for frequency or phase modulation communication systems. (25th July 1958). Accepted on 1st November 1960.  
*Envelope modification circuit comprises an amplitude modulator means for dividing an input wave into two parts, means for supplying said parts to the modulator respectively over two separate paths having different time delays and means for selecting a modulation side band from the modulator.*
67574. Polycell Products Limited. Improvements in distemper, paint or like compositions. (7th May 1958). Accepted on 27th October 1960.  
*The composition is treated with an aqueous solution of a water soluble cellulose either or ester and then the solution is spray dried.*
67575. The General Electric Company Limited. Improvements in or relating to metal vapour electric arc converters. (7th May 1958). Accepted on 28th October 1960.  
*Metal vapour electric arc converter including an anode having means for cooling a predetermined restricted portion of its surface which portion is normally arranged to be subjected to the arc discharge.*
67598. The Wellcome Foundation Limited. 2,4-diaminopyrido (2,3-d)pyrimidines and the manufacture thereof. (25th June 1958). Accepted on 1st November 1960.  
*By dethiation of the corresponding 7-mercapto or 7-alkylmercapto-2,4-diaminopyrido [2,3-d]pyrimidine using raney nickel catalyst.*
67608. S. C. C. Mehta. Improvements in or relating to brushes. Accepted on 27th October 1960.  
*Comprising a head part with bristle portion, a hollow body namely handle for cleaning agent, piston within the body a knob for piston, a covering of soft material on head part adjoining bristles, a polished or mirror coated portion on handle and a tongue cleaner, the head part being detachably fixed to the body part.*
67675. Anglo-Swiss Watch Co. Tell-tale clocks. Accepted on 29th October 1960.  
*Turning motion to punching pin being imparted by the clock-work-mechanism such that pin moves along the dial in synchronism with movement of hands of the clock.*
67676. Anglo-Swiss Watch Co. Electric clocks of the stopwatch type. Accepted on 29th October 1960.  
*In the power supply line to the coil of the clock, a switch is introduced external to the clock.*
67692. John Thompson Water Tube Boilers Limited. Improvements relating to a method of assembling a bank of tubes within a hollow casing. (16th May 1958). Accepted on 2nd November 1960.  
*Comprises the steps of prefabricating the bank, inserting the bank axially into the casing, moving the bank transversely of the casing and securing a connection to the end externally of the casing and securing the bank to the casing.*

67708. Watliff Company Limited and W. E. Arnold. Method of masking a commutator, and commutators masked by the method. (30th May 1958). [Addition to No. 55533]. Accepted on 27th October 1960.  
*Comprising a water-swollen film of regenerated hydrate cellulose, and drying the mask on the commutator so that it will fit tightly thereon and engage in close contact with those parts of the external surface of the commutator which lie round the periphery of the intersegment recesses.*
67764. Somerset Wire Company Limited. Improvements in or relating to the production of wire for use in pre-stressed concrete construction. Accepted on 27th October 1960.  
*Apparatus includes a guide opening eccentric for imparting the drawn wire a helical configuration having the pitch substantially greater than the dia of the helix.*
67790. James Howden & Company Limited. Improvements in or relating to electrostatic precipitators. (30th May 1958). Accepted on 31st October 1960.  
*Having the discharge electrode enclosed in a shield apertured opposite the discharge surfaces and means for varying a potential applied to the shield to suit conditions in the precipitator without alteration of potential applied to discharge surfaces.*
67865. Nopco Chemical Company. Process for the preparation of vitamin A intermediates, and vitamin A intermediates produced by the process. Accepted on 27th October 1960.  
*Reacting alpha-ionylidene ethylamine with activated manganese dioxide in presence of inert solvent.*
67973. Fichtel & Sachs A. G. Friction surfaces of clutches or disc brakes which have mainly metal or ceramic friction linings and which are intended more particularly for motor vehicles. Accepted on 2nd November 1960.  
*One or both the friction surfaces engaging with the lining is or are formed with interruptions of recesses.*
68010. Anglo-Swiss Watch Co. Electrical clocks of the stopwatch type. [Addition to No. 67676]. Accepted on 29th October 1960.  
*In one half of the seconds dial the division of the seconds are marked 0-30 and in other half 30-0.*
68069. N. V. Philips Gloeilampenfabrieken. Improvements in or relating to a plug connection comprising a plug and a counterplug. Accepted on 28th October 1960.  
*Characterized in that the plug or the counterplug provided with the spring(s) consists of a body of readily deformable material, for example, rubber or a thermoplastic synthetic substance.*
68074. Farbwerke Hoechst Aktiengesellschaft vormals Meister Lucius & Brüning. Process for strengthening pipes of polyvinyl chloride and copolymers thereof. Accepted on 2nd November 1960.  
*Pipes of thermoplastic material containing polyvinyl chloride is expanded at about 50 to 130°C to a desired extent against a jacket by the application of internal pressure and then cooled.*
68096. Bendix Aviation Corporation. Improvements in or relating to servo motors. (29th July 1958). Accepted on 31st October 1960.  
*Driver operated valve device controls the pressure differential applied to a power member actuating a driven member, the said members having a chamber for locating and distributing pressure.*
68097. Compagnie Generale des Etablissement Michelin—raison sociale Robert Fuiseux & Cie. Pneumatic tire casings. Accepted on 1st November 1960.  
*Carcass of which is reinforced in the upper zones by radial cords oriented at right angles to equator of the tyre and in the lower zones by cords oriented some at right angles to the equator and others at equal and opposite angles to the equator.*
68107. Unilever Limited. Improvements in or relating to liquid detergent compositions. (10th July 1958). Accepted on 1st November 1960.  
*Containing (a) detergent like sodium salt of sulphated polyethylene glycol monoalkyl ether, (b) condensed phosphate, (c) soil suspending agent and (d) H<sub>2</sub>O<sub>2</sub>.*
68296. Birfield Engineering Limited. Improvements in or relating to power transmission shafts. (8th July 1958). Accepted on 27th October 1960.  
*Of the type comprising an inner tube slidable within an outer tube, both tubes being formed to non-circular cross-section.*
68301. Oleo Pneumatics Limited. Improvements in or relating to railway buffers and like shock absorbing devices. Accepted on 2nd November 1960.  
*Comprising telescopic members one of which forms a support member for the buffer head.*
68302. Societe D'Etudes Et De Participations Eau, Gaz, Electricite, Energie, S. A. Improvements in installations comprising at least one free-piston gas-generator and at least one turbine driven thereby. Accepted on 27th October 1960.  
*The gas-generator or each gas-generator having two stop valves each having only two operating positions, one valve controlling the supply of power gas to the turbine and the other valve controlling the release of the power gas to a region at atmospherating pressure.*
68305. J. B. Greenshields. Apparatus for separating individual materials from mixtures of solid divided materials. Accepted on 27th October 1960.  
*Comprises a separating member, means for establishing an electrostatic field and means for releasing the particles.*
68308. Societe Generale Isothermos. Improvements in or relating to axle boxes of railway cars notably for lubricating the upper and lower bearings thereof. (8th July 1958). Accepted on 1st November 1960.  
*Longitudinal edges of the upper bearing are modified to constitute two channels having relative spacing less than the width of the lower bearing and of stub shaft to permit direct dripping of a portion of the oil.*
68361. A Schmid and H. Hofer. Method for carrying out endothermic processes and to a shaft furnace for carrying out said method. Accepted on 27th October.  
*At least one of the cooling zone and preheating zone is passed by at least part of the heat carrier.*
68362. G. R. Naidu. An improved latching arrangement for drop-out fuse cut-outs. Accepted on 27th October 1960.  
*The device is in the form of a pivotable ladder which consists of two metal plates or sheets fixed at predetermined distance from each other by means of one or more connecting metal rods.*
68429. M. E. Rouaux. Rotary ore-reducing kiln and method of reducing ore therein. Accepted on 29th October 1960.  
*Rotary kiln having a jacket enclosing the chamber containing the ore, large fraction of reducing gas enters the chamber into both ends of the jacket and is injected out of the medial section of the latter into the corresponding medial section of the chamber.*
68469. J. W. Smith. Cast coated paper and method of and apparatus for making the same. Accepted on 31st October 1960.  
*A continuously moving web of paper is coated with a mineral—adhesive fluid suspension and passed it in intimate contact with a casting or finishing roll, the fluid coating being coagulated before the web comes into contact with the casting surface of the finishing roll.*
68473. Caterpillar Tractor Co. Weld back-up and method of applying. Accepted on 27th October 1960.  
*Bridging the gap with a heat destructible tape adhesively secured to the parts and then applying weld backup material over the tape.*

68475. Société Grenobloise D'Etudes & d'Applications Hydrauliques Sogreah. Hydraulic plants, chiefly for raising mineral material. Accepted on 27th October 1960.  
*Including a system of hydraulic pipes and horizontal, sloping and vertical pipe sections together with a double sluice system.*
68502. Hovercraft Development Limited. Improvements in or relating to vehicles for travelling over land and/or water. Accepted on 27th October 1960.  
*Comprises means for forming curtains of fluid at the front and back parts of the vehicle.*
68549. E. I. Du Pont De Nemours and Company. Interlaced yarns and their preparation. Accepted on 27th October 1960.  
*Filaments are twisted, interentwined and entangled in a random manner.*
68577. H. C. Andrews. Improvements in or relating to green tea leaf sifters and like machines. Accepted on 27th October 1960.  
*Sifting barrel being formed of multiplicity of separate sifting panels which are mounted between an end ring having a central opening through which the leaf or commodity to be sifted is fed and an end ring towards which the leaf or commodity is discharged.*
68643. Hoover Limited. Improvements relating to suction cleaning apparatus. (12th January 1959). Accepted on 2nd November 1960.  
*Including scrubbing and water pick-up nozzle, a separator connected to it means for applying suction to separator and a tank having an open top cooperating with a closure, so as to be readily removable from the appliance.*
68645. Hoover Limited. Improvements relating to cleaning apparatus. (12th January 1959). Accepted on 2nd November 1960.  
*Having the separator and storage chamber connected by passageway which in the working position allows liquid to flow through, but in storage position forms a liquid trap to prevent liquid from flowing back.*
68652. C. R. Marshall. Improvements in or relating to detangling and removing slubs and other enlargements in the manufacture of textile threads. Accepted on 1st November 1960.  
*Comprising pulling the thread through a restricted zone, deflecting a portion of the thread on occurrence of a stub, then passing the deflected portion through open air space—and arresting and cutting the thread in a second restricted zone.*
68779. E. Ryser and B. Voumard. A slider for a slide fastener. Accepted on 1st November 1960.  
*Having a locking member comprising a core piece, a locking member and a spring.*
68849. Fimac—Finsterwalder Maschinen GmbH. Arrangement for exciting and compounding synchronous machines. Accepted on 29th October 1960.  
*Comprises a separate rotary current converter provided on synchronous machine in which the primary and secondary winding are in stator.*
68951. Clayton Dewandre Company Limited. Improvements in or relating to power assisted steering gear for vehicles. (9th September 1958). Accepted on 27th October 1960.  
*Comprising a steering box housing, a pitman arm shaft extending transverse across the housing, power cylinder and control valve assembly pivotally mounted within the housing and means for transmitting the output of power cylinder to the pitman arm shaft.*
68958. Union Carbide Corporation. Production of thermally reacted materials using a high intensity wall stabilized arc effluent. (13th April 1959). Accepted on 31st October 1960.  
*Non combustible stick electrode is coaxially arranged in a nozzle with a constricted outlet, said nozzle having complimentary electrode means for producing an arc. The nozzle opens into an enclosure with inlet means for introducing reacting materials and with outlet means for removal of the product formed.*
68981. Westinghouse Brake & Signal Company Limited. Automatic slack adjusting mechanism. (16th September 1958). [Addition to No. 63462]. Accepted on 29th October 1960.  
*Improvement in Indian specification No. 63462 in which the helical edge teeth are shaped to constitute a worm and in mesh with the worm is a worm wheel.*
69042. N. V. Philips Gloeilampenfabrieken. Improvements in or relating to methods of winding orthocyclic coils between flanges, coils manufactured by such methods, and coilwinding machines for winding orthocyclic coils between flanges and on a template or coil former. Accepted on 2nd November 1960.  
*Characterised in that each time after laying that portion of a single turn which wholly lies in one plane at right angles to the axis of the coil, the wire to be wound is given a stepwise displacement at some distance from where the wire runs up the coil.*
69070. H. C. Andrews. Improvements in or relating to trays, panels or the like for sifting green tea leaf and like commodities. Accepted on 27th October 1960.  
*Comprising a framework with wire mesh mounted thereon, mounted under tension between a pair of parallel end rods adapted to be mounted in or on a sifting machine.*
69112. Bryce Berger Limited. Improvements in and relating to fuel injection pumps for prime movers. (19th September 1958). Accepted on 29th October 1960.  
*Having a shouldered bore in the housing associated with a fuel delivery valve and a stop member for said valve.*
69125. H. C. Andrews. Jigger type sifter for sifting green tea leaf or like commodities. Accepted on 27th October 1960.  
*Comprising four arms or cranks which are at the four corners of a rectangle and oscillatably mounted by rotatable shafts upon upright supports, the cranks being supported thereupon and supported therebetween, one or more sifting trays sloping downwardly and means for imparting jiggling motion to the sifting machine.*
69148. N. V. Philips Gloeilampenfabrieken. Improvements in or relating to a method of producing an electrode on silicon. Accepted on 2nd November 1960.  
*Alloying electrode material on to a body of silicon wherein the electrode material is alloyed at a temperature between 900°C and the melting point of the silicon.*
69150. N. V. Philips Gloeilampenfabrieken. Improvements in or relating to current inlet members. Accepted on 2nd November 1960.  
*Conductor/s surrounded by metal ring, the space between them being filled with a sintered mixture of glass and ceramic substance, size of the ceramic particles being smaller than 5  $\mu$  and quantity of ceramic material lying between 0.2 and 5 per cent by weight.*
69222. Pirelli Societa Per Azioni. Improvements in or relating to multi-conductor telecommunication cables for audio and carrier frequencies. (30th June 1959). Accepted on 27th October 1960.  
*Comprising at least one group of five conductors, namely a central conductor and four outer conductors arranged symmetrically around the central conductor to form collectively a tube, (divided however into four distinct sectors), all of said conductors being individually and mutually insulated by a mass of insulating material in which they are embedded.*
69234. British Federal Welder and Machine Company Limited. Improvements in or relating to welding cables. (3rd June 1959). Accepted on 28th October 1960.  
*Separate jumpers each consisting of a multi-conductor core housed in an insulating sheath and having a terminal connector secured at one end and a copper tube at the other end.*

69254. The British Cotton Industry Research Association. A Control device in or for use in spinning processes and machines. (7th October 1958). Accepted on 2nd November 1960.  
*Comprising means for measuring the property of the material to be modified and means for determining the fluctuations.*
69397. E. Meili. Motor-driven cross-country vehicle. Accepted on 28th October 1960.  
*Having a centre section with one or two axles, connected to a front and rear section, one section connected to centre section and carrying hydraulically operable means, the other section pivoted to centre section, the pivoting movement is so controlled by hydraulic system that sections are either locked in any position, freely movable or positively movable.*
69403. Chinoim Gyogyszer Es Vegyeszeti Termek Gyara Rt. Process for the preparation of p-nitrophenyl-serine. Accepted on 27th October 1960.  
*Potassium salt of glycine in aqueous alcohol is reacted with more than one mole of p-nitro-bengaldehyde in the presence of  $K_2CO_3$  at about 20°C.*
69519. Ciba Limited. 16 $\alpha$ -methyl-17 $\alpha$ -hydroxy-20-ketones of the allopregnane series and process for their manufacture. [Divisional date 28th January 1959]. Accepted on 28th October 1960.  
*Reacting  $\Delta^{17(20)}$  16 $\alpha$ -methyl-20-acyloxy-allopregnene in inert solvent with organic per acid at 0°-40°C alkaline hydrolysing the reaction product.*
69520. Ciba Limited. 16 $\alpha$ -methyl-17 $\alpha$ -hydroxy-20-ketone of the allopregnane series, and process for their manufacture. [Divisional date 28th January 1959]. Accepted on 28th October 1960.  
*Oxidising  $\Delta^{17(20)}$ -16-C-methyl-3 $\beta$ :11 $\alpha$ :20-triacetoxy-allopregnane with organic acid and ester group in reaction product split by transesterification with anhydrous alkanol.*
69521. Ciba Limited. 16 $\alpha$ -methyl-allopregnanes and process for their manufacture. [Divisional date 28th January 1959]. Accepted on 28th October 1960.  
*Brominating in alcohol 16 $\alpha$ -methyl-allopregnane-3 $\beta$ :17 $\alpha$ -diol-20-one with acid halide of aliphatic carboxylic acid reacting reaction product with alkali metal salt of fatty acid.*
69524. K. Grnn. A cartridge case. (23rd March 1959). Accepted on 29th October 1960.  
*Apart from sleeve forming case, another sleeve of plastic material is inserted in the former sleeve having rear end surrounded by tubular extension of bottom piece.*
69683. Joseph Lucas (Industries) Limited. Vehicle lamp reflectors. (17th November 1958). Accepted on 31st October 1960.  
*In which the internal surface of dished part has eight integral sections such that one pair of opposite sections form portions of a cylinder another pair of opposite sections form portions of a pair of cylinders struck from parallel spaced axes and the two pairs of opposite and intervening sections form portions of surfaces approximating to a paraboloid of revolution.*
69746. Gutehoffnungshutte Sterkrade Aktiengesellschaft. Improvements in or relating to apparatus for filling centrifuge drums, particularly for the manufacture of sugar. Accepted on 1st November 1960.  
*A hinged chute is provided below the inlet slide valve arranged on the protective shell of the centrifuge drum.*
69797. A. Scheuchzer. Improvements in or relating to a process for the excavation of ballast from a railway track and a machine for carrying out said process. Accepted on 29th October 1960.  
*Depth of digging of ballast by the edge of attack of the inclined plane is guided by bearing against surface of ballast still in position proportionate to advance of inclined plane.*
69843. Dunlop Rubber Company Limited. Improvements in or relating to tyre building formers or drums (20th December 1958). Accepted on 29th October 1960.  
*Comprising segments which together form the building surface and a central part including clamping means for engaging and holding them in assembled relation, the clamping means being designed for actuation by fluid pressure.*
70067. L. Olsson. Improvements in devices in concrete sleepers for fastening the rails to the sleepers Accepted on 27th October 1960.  
*Both end-portions of the through-hole of the sleeper are enlarged for relieving the corresponding side sections of sleeper from pressure imposed through dowel.*
72437. The Wellcome Foundation Limited. 2,4-diamino-7-hydroxypyrido [2,3-d]pyrimidines and method of making the same. (25th June 1958). [Divisional date 5th May 1959]. Accepted on 1st November 1960.  
*Wherein 2,4,6-triamino pyrimidine is reacted with an ester of an acylacetic acid.*
73513. British Titan Products Company Limited. Apparatus for reacting two gaseous reactants in a fluidised bed and in particular, for the production of titanium dioxide or aluminium trioxide. (4th March 1958). [Divisional date 26th February 1959]. Accepted on 31st October 1960.  
*Comprising a shaft furnace, a heat insulating base to support fluidizable material two sets of passageways having constrictions, means for supplying gases to passageways the passageways being dispersed to cause intermingling of gases.*

#### Printed Specification Published

A limited number of printed copies of the undernoted specifications are available for sale from Officer-in-Charge, Government of India, Central Depot, 8, Hastings Street, Calcutta, at two rupees per copy:—

(1)

59658.	59662.	59677.	59753.	59931.	60106.	60423.	60470.
60471.	60475.	60476.	60477.	60478.	60479.	60480.	60482.
60516.	60522.	60563.	60610.	60611.	60668.	60684.	60791.
60890.	60925.	61007.	61115.	61361.	61362.	61436.	61568.
61604.	61625.	61669.	61671.	61724.	61730.	62381.	62590.
62637.	62663.	62828.	62887.	62915.	63000.	63110.	63508.
63514.	63525.	63616.	63691.	63739.	63962.	64123.	64215.
64237.	64582.	64618.	65285.	65286.			

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61771.	62603.	62619.	62624.	62675.	62711.	62770.	62818.
62837.	62860.	62885.	62958.	62967.	62987.	62989.	62990.
63003.	63017.	63116.	63233.	63294.	63301.	63302.	63305.
63309.	63359.	63360.	63523.	63927.	63959.	64023.	64184.
64497.	64522.	64535.	64584.	64834.	64836.	64973.	65133.
65134.	65264.	65799.					

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60190.	60537.	60913.	61352.	61376.	61378.	61379.	61391.
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63961.	63963.	64011.	64225.	64273.	64367.	64443.	64444.
64477.	64494.	64857.					

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62540.	62569.	62782.	62985.	63096.	63127.	63162.	63181.
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67682.	67775.	67804.	67918.	67978.	67985.	68207.	68270.
70834.							

**Amendment Proceedings**

(1)

The amendment proposed by N. V. De Bataafsche Petroleum Maatschappij in respect of Patent application No. 64766 as advertised in the Gazette of India Part III, Section 2 dated the 30th July 1960, has been allowed.

(2)

The amendment proposed by N. V. De Bataafsche Petroleum Maatschappij in respect of Patent application No. 65049 as advertised in the Gazette of India Part III, Section 2 dated the 30th July 1960, has been allowed.

**Registration of Assignments, Licences, Etc.**

Assignments, licences or other transactions affecting the interests of the original patentees have been registered in the following cases. The number of each case is followed by the names of the parties claiming interests:—

43966 — Dr.-Ing. Kurt Baum Kommandit-Gesellschaft Fur Verfahrenstechnik.

54896      }  
57676      } — Parke Davis International Corporation.  
61916      }

61051 — The Norwich Pharmacal Company.

**Renewal Fees Paid**

29073. 30163. 30445. 33539. 33611. 33646. 33770. 33801. 34184.  
35747. 35748. 35749. 35750. 35751. 36459. 36460. 36466. 37179.  
37375. 37571. 38485. 38486. 38495. 38522. 38751. 38775. 38922.  
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61915. 62182. 62197. 62362. 62363. 62614. 62618. 62623. 62790.  
62854. 62900. 63772. 64051.

**Extension of the Term of Patent**

(1)

Notice is hereby given that a petition under section 15 of the Indian Patents and Designs Act, 1911 for the extension of the term of patent No. 37986 for 'Improvements in method and composition for killing weeds' has been left at the Patent Office on behalf of Amchem Products Inc., of Brookside Avenue, Ambler, Pennsylvania, United States of America. The petition may be inspected at the Patent Office, 214, Lower Circular Road, Calcutta-17. Any person desirous of opposing the grant of extension of the term of the patent, shall, within two months from the date of this notification lodge with the Controller of Patents and Designs at the above address, a notice on Form 6 of the Indian Patents and Designs Rules, 1933 and, shall, at the same time serve a copy of such notice upon the petitioners C/o. Messrs. Remfry & Son, 40/44, Stephen House, Dalhousie Square, Calcutta-1.

(2)

Notice is hereby given that a petition under section 15 of the Indian Patents and Designs Act, 1911 for the extension of the term of patent No. 37987 for 'Improvements in method and composition for killing weeds' has been left at the Patent Office on behalf of Amchem Products Inc., of Brookside Avenue, Ambler, Pennsylvania, United States of America. The petition may be inspected at the Patent Office, 214, Lower Circular Road, Calcutta-17. Any person desirous of opposing the grant of extension of the term of the patent, shall, within two months from the date of this notification lodge with the Controller of Patents and Designs at the above address, a notice on Form 6 of the Indian Patents and Designs Rules, 1933 and, shall, at the same time serve a copy of such notice upon the petitioners C/o. Messrs. Remfry & Son, 40/44, Stephen House, Dalhousie Square, Calcutta-1.

**Registration of Designs**

The following designs have been registered. They are not open to inspection for a period of two years from the date of registration except as provided for in Section 50 of the Indian Patents and Designs Act.

The dates shown in each entry is the date of registration of the designs including in the entry.

The dates shown in crescent brackets are the dates claimed under Section 78-A of the Act.

Class 1. Nos. 105027 to 105029. Sekkappa Ramanathan Valliappa Chellappa Chettiar and Chellappa Meenakshi, Indian, 268, Linghi Chetty Street, Madras-1, Madras State, "Metal lid", June 2, 1960.

Class 1. No. 105120. Ganesh Dass, Indian, 8206, Roshan Ara Road, Subzi Mandi, Delhi-6, "Radio aerial", June 9, 1960.

Class 1. No. 105266. Rattan Chand Chadda and Dev Datt Chadda, Indian, 37, Industrial Estate, Okhla, New Delhi-20, "Rotary oil pump", June 21, 1960.

Class 3. No. 104508. Galib Gulamhusein Bachooali, Indian, Bachooali House, Bachooali Road, Bombay-9, Maharashtra, India, "A clothes-pin", April 27, 1960.

Class 3. No. 105325. Abdul Aziz Haji Ahmed, Indian Subject, 277, Belasis Road, Bombay-8 (Maharashtra) (India), "A chair", June 22, 1960.

Class 4. Nos. 104356 to 104358. Sahib Singh Manufacturing Co. Private Ltd., a Company incorporated under the Indian Companies Act, having its Registered Office at 13/F, Connaught Place, New Delhi (India), "A bottle", April 16, 1960.

Class 5. No. 105495. Barhamdeo Prasad Dass, proprietor of Ahanti Ayurvedic Pharmacy of P.O. Barauni, Dist. Moonghyer, Vill. Phulbaria, Bazar, Bihar, Indian subject, "Carton", July 7, 1960.

Class 13. No. 105766. The Tata Mills Ltd., an Indian Company, of Bombay House, Bruce Street, Fort, Bombay, "Textile goods", August 3, 1960.

Class 13. Nos. 106376 to 106378. The Victoria Mills Limited, an Indian Company situated at De Lisle Road, Parel, Bombay-13, "Cotton piecegoods", September 9, 1960.

Class 13. Nos. 106465 to 106468. The Standard Mills Co., Ltd., Indian Company, Mafatlal House, Backbay Reclamation, Bombay-1 (India), "Textile goods", September 13, 1960.

Class 13. Nos. 106500 to 106502. Crown Spg. & Mfg. Co. Ltd., Ghokhale Road (South), Parel, Bombay-13, Indian, "Textile goods", September 17, 1960.

Class 13. Nos. 106503 and 106504. The Victoria Mills Limited, an Indian Company situated at De Lisle Road, Parel, Bombay-13, "Cotton piecegoods", September 17, 1960.

Class 13. No. 106505. The Victoria Mills Limited, an Indian Company situated at De Lisle Road, Parel, Bombay-13, "Cotton piecegoods", September 17, 1960.

Class 13. Nos. 106521 to 106526. Calico Dyeing & Printing Mills Private Ltd., Industrial Estates, 41-E, Parel Chawl Road, Lalbaug, Bombay-12, Indian business concern (Private Limited Company), "Textile goods including silks and art-silk piecegoods", September 19, 1960.

Class 14. No. 105842. The Standard Mills Co., Ltd., Indian Company, Mafatlal House, Backbay Reclamation, Bombay-1 (India), "Textile goods", July 25, 1960.

**Copyright extended for a second period of five years**

Design No. 83024, Class 4.

Design No. 83924, Class 5.

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